FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL             |           |  |  |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |  |  |  |
| hours per respons        | se: 0.5   |  |  |  |  |  |  |  |  |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person*   |                     |         |          |  | 2. Issuer Name and Ticker or Trading Symbol CIENA CORP [ CIEN ] |  |   |  |                     |     |  |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |                                      |  |                               |   |  |   |
|--|---------------------|---------|----------|--|---|--|---|--|---------------------|-----|--|--|---|--------------------------------------|--|-------------------------------|---|--|---|
| NETTLES PATRICK H  |                     |         |          |  | CIETAL COLL [ CIETA ]   |  |   |  |                     |     |  |  | X   | Direc                                | tor  |                               | 10% Ov  | ner  |   |
| (Last)   | (Fi                 | rst) (N | (Middle) |  |   |  | 3. Date of Earliest Transaction (Month/Day/Year) 03/30/2024 |  |                     |     |  |  |   | X                                    | below  | ,                             |   | Other (specify below)  |   |
| C/O CIENA CORPORATION  |                     |         |          |  |   |  |   |  |                     |     |  |  |   | Executive Chairman                   |  |                               |   |  |   |
| 7035 RIDGE RD.   |                     |         |          | 4. If Amendment, Date of Original Filed (Month/Day/Year) |   |  |   |  |                     |     | 6. Individual or Joint/Group Filing (Check Applicable Line)                                      |  |   |                                      |  |                               |   |  |   |
| (Street)   |                     |         |          |  |   |  |   |  |                     |     |  |  |   | X Form filed by One Reporting Person |  |                               |   |  |   |
| HANOV  | •                   |         |          | 426  |   |  |   |  |                     |     |  |  |   |                                      | Form filed by More than One Reporting Person   |                               |   |  |   |
| (City)   | City) (State) (Zip) |         |          |  | Rul   | Rule 10b5-1(c) Transaction Indication  |   |  |                     |     |  |  |   |                                      |  |                               |   |  |   |
|  |                     |         |          |  |   | Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. |   |  |                     |     |  |  |   |                                      |  |                               |   |  |   |
|  |                     | Table   | I - No   | n-Deriva   | tive S  | Secui  | rities  | Acq  | uired,              | Dis | posed of   | , or B                                 | enefi   | cially                               | / Own  | ed                            |   |  |   |
| 1. Title of Security (Instr. 3) 2. Transact Date (Month/Day  |                     |         |          |  | Execu<br>ay/Year) if any  |  | Deemed<br>cution Date,<br>y<br>nth/Day/Year)                |  |                     |     |  | es Acquired (A)<br>Of (D) (Instr. 3, 4 |   |                                      |  | ties<br>cially<br>I Following | Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)               |  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |
|  |                     |         |          |  |   |  |   |  | Code                | v   | Amount   | (A) (D)                                | Or Pri  | ce                                   | Reported<br>Transaction(s)<br>(Instr. 3 and 4)   |                               |   |  | Instr. 4)   |
| Common Stock 03/30/2   |                     |         |          |  | 2024  |  |   |  | F                   |     | 1,218(1)   | D                                      | \$4   | 19.45                                | 166  | 5,896(2)                      | I   | )  |   |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |                     |         |          |  |   |  |   |  |                     |     |  |  |   |                                      |  |                               |   |  |   |
|  |                     |         |          | <del>`                                    </del>         |   | 1115, V  |   |  | •                   |     |  | 1                                      |   | <del>-</del>                         |  |                               |   |  |   |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  |                     |         |          | 4.<br>Transaction<br>Code (Instr.<br>8)                  |   | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5)  |   | 6. Date Exercisable<br>Expiration Date<br>(Month/Day/Year) |                     | te  | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Ins<br>3 and 4) |  | Dei<br>Sed<br>(Ins  | Price of rivative curity str. 5)     | 9. Number<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) | y Di<br>or<br>(I)             | ).<br>wnership<br>orm:<br>irect (D)<br>· Indirect<br>(Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |   |
|  |                     |         |          |  | Code V  |  | (A)   | (D)  | Date<br>Exercisable |     | Expiration<br>Date   | Title                                  | Amour<br>or<br>Number<br>of<br>Shares                                   | er                                   |  |                               |   |  |   |

## **Explanation of Responses:**

- 1. Represents shares withheld to cover payment of the tax liabilities of the reporting person related to a restricted stock unit (RSU) award agreement dated March 30 2023. Acquisition of the RSU was previously reported on Table I of reporting person's Form 4 on April 3, 2023.
- 2. Shares reported include unvested Restricted Stock Units (RSUs).

By: Michelle Rankin For: 04/01/2024 Patrick H Nettles

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- $^{\star}$  If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.